

App. No. 10/501,291
Office Action Dated January 4, 2007

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Amendments to the Specification:

Change(s) applied

19, lines 7-21

to document,

/K.S.G./

6/6/2011

Please replace the paragraph located on page ~~4, lines 12-19~~ of the Specification with the following amended paragraph:

Examples of the FAOD- α specific for a glycated α -amino group include a commercially available product named Fructosyl-Amino Acid Oxidase (FAOX-E) (manufactured by Kikkoman Corporation) and FAODs derived from the genus *Penicillium* (JP 8(1996)-336386 A). Examples of the FAOD-S specific for a glycated side chain of an amino acid residue include FAODs derived from the genus *Fusarium* ("Conversion of Substrate Specificity of Amino Acid Oxidase Derived from *Fusarium oxysporum*" by Maki FUJIWARA et al., Annual Meeting 2000, The Society for Biotechnology, Japan). Furthermore, examples of FAOD- α S specific for both a glycated α -amino group and a glycated side chain group of an amino acid residue include a commercially available product named FOD (manufactured by Asahi Chemical Industry Co., Ltd.), FAODs derived from the genus *Gibberella* (JP 8(1996)-154672 A), FAODs derived from the genus *Fusarium* (JP 7(1995)-289253 A), and FAODs derived from the genus *Aspergillus* (WO 99/20039).

as a whole and the ratio of the same to amino acid residues having a glycated side-chain amino group in glycated Hb, it can be said that the influence of the remaining glycated amino acid is small so that the accuracy of the measurement can be improved sufficiently.

Page 43, line 26

In this case, in the pretreatment reaction solution obtained by adding the pretreatment reagent, it is preferable that 0.05 to 50 mmol/l, more preferably 0.2 to 30 mmol/l, and particularly preferably 0.3 to 10 mmol/l of the surfactant is present, with respect to 1 vol% of blood cells.

Change(s) applied
to document,

44, lines 35 and 37

~~Page 44, line 37 and Page 45, line 1~~

/K.S.G./
6/6/2011

When the protease reagent contains a metalloproteinase and further contains a Ca compound and a Na compound as described above, their concentrations in the protease reaction solution are as follows: when the concentration of the metalloproteinase is in the range from 100 to 10,000 KU/l, for example, the concentration of the Ca compound is in the range from 0.1 to 50 mmol/l and the concentration of the Na compound is in the range from 5 to 1000 mmol/l; preferably, the concentration of the Ca compound is in the range from 0.2 to 10 mmol/l and the concentration of the Na compound is in the range from 10 to 500 mol/l; and more preferably, the concentration of the Ca compound is in the range from 0.2 to 5 mmol/l and the concentration of the Na compound is in the range from 30 to 500 mol/l.